ETC Minutes - 7/21/2009

Tuesday, July 21, 2009
3:00 PM

Attendees

- Matt Cechini (ECHO Ops)
- Alex Lai (ECHO Ops)
- Linnette Quick (ECHO Ops)
- Frank Corprew (ECHO Ops)
- Dan Pilone (ECHO)
- Andrew Mitchell (ESDIS)
- Frank Schaffer (NSIDC)
- Doug Fowler (NSIDC)
- Amanda Leon (NSIDC)
- Matt Martens (LPDAAC)
- Dan Traut (LPDAAC)
- Ed Seiler (GSFCS4PA)
- Marilyn Drewry (GHRC)
- Ben McMurry (ORNL)
- Greg Cates (LARC)
- Chris Finch (PODAAC)
- Evelyn Nakamura (ECS)
- Jon Pals (ECS)
- Cathy Karr (ECS)

Agenda

1. ECHO Operations Status
2. ECHO & WIST 10.14 Plans
3. NCR 11004648 - PUMP - ACL reference to Granule ID
4. ECHO Email Transition
5. Upcoming Events
   a. ECHO Preventative Maintenance (7/22/09 - 8:00am - 12:00pm)
6. Other Questions/Issues

1. ECHO Operational Status

The ECHO Operational Performance/Activity Metrics for the past week are as follows. These metrics are for the week of 7/5 - 7/18
- Total # Queries (end-user) - 73 610
- Average Query Time - 13.80
- Query Time Std. Dev - 60.00s
- Total # Orders - 9 826
- Total # ECHO Users - 14596 (+3097)

ECHO continues to see a significant load due to the release of the ASTER GDEM product at LPDAAC. No system issues have been detected as a result of this load.

2. ECHO & WIST 10.14 Plans

As was discussed is the last ETC, ECHO 10.13 contains the results sorting functionality discussed during ETCs of old. There have been some performance issues identified incident to these changes, which ECHO is addressing in 10.14. Due to these performance concerns, ECHO pushed 10.13 to Partner Test for functional testing, but did not release it into the Operational system. 10.14 was scheduled as the next Operational release.

ECHO 10.14 is now in Partner Test and available for testing. The current target release date into Operations in 8/5/09. Assuming there are no issues discovered during Partner Testing, this release will go out on schedule. The performance issues addressed in 10.14 are not detectable on Partner Test due to the smaller holdings size. However, all functionality should work as expected.

All items fixed in 10.13 and 10.14 can be identified in TestTrack Pro. Note that 10.13 contains changes associated with the TwoDCoordinateSystem operations concept. This functionality will now be made Operational in 10.14. There are also a number of updates to email notifications sent to ECHO ingest providers. These changes were previously discussed during ETCs.

3. NCR 11004648 - PUMP ACL Granule ID Reference

NCR 11004648 was submitted internally and notes that when creating an ACL and selecting specific granules, the Granule ID entry area states that granules should be listed by their "Provider ID." This term is a bit ambiguous, and it's proposed that the text be changed to "Data Granule ID." This would make it consistent with how the Granule UR field is labeled when viewing provider orders. If there are no concerns, this issue will be fixed in ECHO 10.15.

LPDAAC, NSIDC, and LARC are ok with this.

4. ECHO Email Transition

All @echo.nasa.gov mailing lists and mail accounts are currently maintained by the ECHO project. ECHO is currently working with the GSFC networking group to decommission its own mail servers and transition ownership of the @echo.nasa.gov domain to GSFC. The official cutover is tentatively scheduled for the first week of August, but it does appear that that date will slip as a result of account creation processes. During this transition, all externally used ECHO mailing lists (echo-status, echo-all, echo-data, etc...) will not be affected. ECHO will coordinate any controlled outages needed during the final steps of the transition, but all functionality will remain the same after the mailing lists have been transitioned.

All @echo.nasa.gov mail accounts will be decommissioned except for the following:

- Matt Cechini
- Frank Corprew
- Alex Lai
- Linnette Quick
- Dan Pilone

These individuals will all be using a NOMAD mail account and any email sent to their old @echo.nasa.gov mail accounts will be forwarded. All message sent by ECHO Operations (and Dan Pilone) will then appear to come from their NOMAD account. ECHO partners are encouraged to update their address books with the new account information (which will be provided at a later date), but current address entries will still work.

Additional information will be provided as the transition date nears.

5. Upcoming Events

- ECHO Preventative Maintenance (7/22/09 - 8:00am - 12:00pm)

6. Questions

- Default Notification Level
  - Now that the LPDAAC EBAS billing system will be going away, and quoting will no longer be needed, the topic of the default WIST notification level can be brought to a close. This topic will be addressed via email and resolved during the next ETC.
- Granule Restriction Flag

- An issue was discovered while testing ACL creating along with testing of an ECS patch which allows for granule restriction flags to be exported. It appears that ACLs permitting collection viewing or ordering trump granule restriction flags. The problem is that there is a convergence in opposing data access paradigms. We have been moving providers to having a global restrict-all-collections rule, and then permitting visibility to collections explicitly. This, however, has a problem when providers then want to restrict granules within those collections.
- There are two ways around this. In the short term, to use the granule restrict rules, you will need to not use the global restrict-all-collections rule and individual permit rules. Collection accessibility will then default to the visibility flag or other collection restriction rules. You can then set up your granule restriction rules. As a long term, we have an Ops Concept that addresses a refresh to how ACLs are managed in ECHO. This would have been addressed at our workshop, but was put on the back-burner with everything else we were involved in. ECHO will look into prioritizing this per DAAC recommendation.